BRUHAT BANGALORE MAHANAGARA PALIKE

Name of the work:-Comprehensive development of Roads and Drains in Ward no 16 Rajarajeshwari Nagara Assembly Constituency Under PACKAGE - 2019-20-RRN-DIV(01)

RR NAGARA DIVISION

MODIFIED ESTIMATION

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BRUHAT BENGALURU MAHANAGARA PALIKE

MODIFIED ESTIMATE

Name of the work:-Comprehensive development of Roads and Drains in Ward no 16 Rajarajeshwari Nagara Assembly Constituency Under PACKAGE - 2019-20-RRN-DIV(01)

Sl No	Description of Items	Unit	No	L (M)	B (M)	D (M)	Est .Cost Rs. Qty	Rate	Lakhs Amount
1	Removing & Refixing stone slabs of drains and pointing in C.M (1:3)complete as per the direction of Engineer in charge								
	Qty Paid Upto 3rd And Part Bill	Sqm							
							11876.37		
							11876.37	117.00	1389535.03
2	Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per the direction of Engineer in charge								
	Dismantling	Cum							
	Qty Paid Upto 3rd And Part Bill								
							8248.80		
	J Ashok Home Road		1	8.20	1.40	1.20	13.78		
	Soumyashree Badavane		1	8.70	1.40	1.20	14.62		
	Gully Mart		1	9.20	1.40	1.20	15.46		
	SLV		1	8.50	1.40	1.20	14.28		
	7TH Chandrappa Badavane		1	6.50	1.40	1.20	10.92		
	6th Cross Road		2	5.80	1.40	1.20	19.49		
	6th Cross Sharadamba Road		1	7.50	1.40	1.20	12.60		
	7th Cross Sharadamba Road		1	6.20	1.40	1.20	10.42		
	Sharadamba Nagara Main Road		4	6.50	1.40	1.20	43.68		
	HMT Quarters 1st Cross		6	6.4	1.40	1.20	64.81		
	Ward Office Road (Aishwarya Enclave)		2	6.50	1.40	1.20	21.84		
	2nd Cross HMT		4	6.00	1.40	1.20	40.32		
	3 RD Cross HMT		4	6.40	1.40	1.20	43.01		
	4th Cross		4	5.30	1.40	1.20	35.62		
	HMT Ground Road		3	6.67	1.40	1.20	33.60		
	Hospital Road `		1	4.00	1.40	1.20	6.72		
	Jalahalli Police Station Road		1	7.00	1.40	1.20	11.76		
	Bahubali Nagara C Cross		1	6.50	1.40	1.20	10.92		
	5 th D Cross Jalahalli Village		1	6.50	1.40	1.20	10.92		
	Jalahalli Village 3 RD Cross		1	5.00	1.40	1.20	8.40		
	Depot Opposite Road		1	5.00	1.40	1.20	8.40		
	2 nd Cross Road Jalahalli Village		3	4.10	1.40	1.20	20.66		
	2nd Cross Road		2	4.30	1.40	1.20	14.45		
	Near Muttyalamma Temple		3	5.90	1.40	1.20	29.74		
							8765.20	248.00	2173769.45
3	Plain cement concrete 1:3:6 mix with crushed stone aggregate 40 m nominal size mechanically mixed, placed in foundation and compacted by vibration including curing complete as per the direction of Engineer in charge								
		Sqm							
	Qty Paid Upto 3rd And Part Bill								
							203.90		
	J Ashok Home Road		1	8.2	1.40	0.15	1.72		
	Soumyashree Badavane		1	8.7	1.40	0.15	1.83		
	Gully Mart		1	9.2	1.40	0.15	1.93		
	SLV		1	8.5	1.40	0.15	1.79		
	7TH Chandrappa Badavane		1	6.5	1.40	0.15	1.37		
	6th Cross Road		2	5.8	1.40	0.15	2.44		

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Sl No	Description of Items	Unit	No	L (M)	B (M)	D (M)	Qty	Rate	Amount
	6th Cross Sharadamba Road		1	7.5	1.40	0.15	1.58		
	7th Cross Sharadamba Road		1	6.2	1.40	0.15	1.30		
	Sharadamba Nagara Main Road		4	6.5	1.40	0.15	5.46		
	HMT Quarters 1st Cross		6	6.4	1.40	0.15	8.10		
	Ward Office Road (Aishwarya Enclave)		2	6.5	1.40	0.15	2.73		
	2nd Cross HMT		4	6.0	1.40	0.15	5.04		
	3 RD Cross HMT		4	6.4	1.40	0.15	5.38		
	4th Cross		4	5.3	1.40	0.15	4.45		
	HMT Ground Road		3	6.7	1.40	0.15	4.20		
	Hospital Road `		1	4.0	1.40	0.15	0.84		
	Jalahalli Police Station Road		1	7.0	1.40	0.15	1.47		
	Bahubali Nagara C Cross		1	6.5	1.40	0.15	1.37		
	5 th D Cross Jalahalli Village		1	6.5	1.40	0.15	1.37		
	Jalahalli Village 3 RD Cross		1	5.0	1.40	0.15	1.05		
	Depot Opposite Road		1	5.0	1.40	0.15	1.05		
	2 nd Cross Road Jalahalli Village		3	4.1	1.40	0.15	2.58		
	2nd Cross Road		2	4.3	1.40	0.15	1.81		
	Near Muttyalamma Temple		3	5.9	1.40	0.15	3.72		
							268.44		
						Qty Upto 125 %	268.44	4704.00	1262764.34
						Qty Above 125 %	0.00	5261.76	0.00
4	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specifications.Wall & bottom thickness 15cm complete as per the direction of Engineer in charge								
		Cum							
	Qty Paid Upto 3rd And Part Bill								
	FOR DRAIN RAFT						642.29		
	J Ashok Home Road		1	8.20	1.10	0.15	1.35		
	Soumyashree Badavane		1	8.70	1.10	0.15	1.44		
	Gully Mart		1	9.20	1.10	0.15	1.52		
	SLV		1	8.50	1.10	0.15	1.40		
	7TH Chandrappa Badavane		1	6.50	1.10	0.15	1.07		
	6th Cross Road		2	5.80	1.10	0.15	1.91		
	6th Cross Sharadamba Road		1	7.50	1.10	0.15	1.24		
	7th Cross Sharadamba Road		1	6.20	1.10	0.15	1.02		
	Sharadamba Nagara Main Road		4	6.50	1.10	0.15	4.29		
	HMT Quarters 1st Cross		6	6.43	1.10	0.15	6.37		
	Ward Office Road (Aishwarya Enclave)		2	6.50	1.10	0.15	2.15		
	2nd Cross HMT		4	6.00	1.10	0.15	3.96		
	3 RD Cross HMT		4	6.40	1.10	0.15	4.22		
	4th Cross		4	5.30	1.10	0.15	3.50		
	HMT Ground Road		3	6.67	1.10	0.15	3.30		
	Hospital Road `		1	4.00	1.10	0.15	0.66		
	Jalahalli Police Station Road		1	7.00	1.10	0.15	1.16		
	Bahubali Nagara C Cross		1	6.50	1.10	0.15	1.07		
	5 th D Cross Jalahalli Village		1	6.50	1.10	0.15	1.07		
	Jalahalli Village 3 RD Cross		1	5.00	1.10	0.15	0.83		
	Depot Opposite Road		1	5.00	1.10	0.15	0.83		
	2 nd Cross Road Jalahalli Village		3	4.10	1.10	0.15	2.03		
	2nd Cross Road		2	4.30	1.10	0.15	1.42		
	Near Muttyalamma Temple		3	5.90	1.10	0.15	2.92		
	FOR DRAIN WALL								
	J Ashok Home Road		2	8.20	0.9	0.20	2.95		

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Sl No	Description of Items	Unit	No	L (M)	B (M)	D (M)	Qty	Rate	Amount
	Soumyashree Badavane		2	8.70	0.9	0.20	3.13		
	Gully Mart		2	9.20	0.9	0.20	3.31		
	SLV		2	8.50	0.9	0.20	3.06		
	7TH Chandrappa Badavane		2	6.50	0.9	0.20	2.34		
	6th Cross Road		4	5.80	0.9	0.20	4.18		
	6th Cross Sharadamba Road		2	7.50	0.9	0.20	2.70		
	7th Cross Sharadamba Road		2	6.20	0.9	0.20	2.23		
	Sharadamba Nagara Main Road		8	6.50	0.9	0.20	9.36		
	HMT Quarters 1st Cross		12	6.43	0.9	0.20	13.89		
	Ward Office Road (Aishwarya Enclave)		4	6.50	0.9	0.20	4.68		
	2nd Cross HMT		8	6.00	0.9	0.20	8.64		
	3 RD Cross HMT		8	6.40	0.9	0.20	9.22		
	4th Cross		8	5.30	0.9	0.20	7.63		
	HMT Ground Road		6	6.67	0.9	0.20	7.20		
	Hospital Road `		2	4.00	0.9	0.20	1.44		
	Jalahalli Police Station Road		2	7.00	0.9	0.20	2.52		
	Bahubali Nagara C Cross		2	6.50	0.9	0.20	2.34		
	5 th D Cross Jalahalli Village		2	6.50	0.9	0.20	2.34		
	Jalahalli Village 3 RD Cross		2	5.00	0.9	0.20	1.80		
	Depot Opposite Road		2	5.00	0.9	0.20	1.80		
	2 nd Cross Road Jalahalli Village		6	4.10	0.9	0.20	4.43		
	2nd Cross Road		4	4.30	0.9	0.20	3.10		
	Near Muttyalamma Temple		6	5.90	0.9	0.20	6.37		
							803.66		
						Qty Upto 125 %	803.66	7424.00	5966401.54
						Qty Above 125 %	0.00	8418.41	0.00
5	Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. MORTH Specification No.1600 &								
	PCC	ton							
	Qty Paid Upto 3rd And Part Bill						40.23		
	For RCC CULVERT			-					
	Total RCC Quantity =						803.66		
	For 1 CUM=80 kg						80.00		
							64293.12		
							64.29		
							104.52		
						Qty Upto 125 %	50.29	75942.00	3819047.24
				-		Qty Above 125 %	54.24	78771.59	4272202.22
6	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. - do - cement mortar 1:6 complete as per the direction of Engineer in charge								
		Cum							
	Qty Paid Upto 3rd And Part Bill						82.80		
				-			82.80	5112.00	423273.60

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Sl No	Description of Items	Unit	No	L (M)	B (M)	D (M)	Qty	Rate	Amount
7	Providing and constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton per sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x15x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.-do with solid concrete blocks of size 400*200*200 mm complete as per the direction of Engineer in charge								
		Sqm							
	Qty Paid Upto 3rd And Part Bill								
							6257.29		
							6257.29	**1015.00**	**6351147.32**
8	Providing ruled pointing to coursed stone masonry with cement mortar, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, HOM curing complete as per specifications.– do – cement mortar 1:3complete as per the direction of Engineer in charge								
		Cum							
	Qty Paid Upto 3rd And Part Bill								
							12300.20		
							12300.20	**158.00**	**1943431**
9	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in For Coping , including cost of all materials, labour, HOM curing complete as per the direction of Engineer in charge								
		Cum							
	Qty Paid Upto 3rd And Part Bill								
							476.50		
							476.50	**5880.00**	**2801823**
10	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per the direction of Engineer in charge								
		Cum							
	Qty Paid Upto 3rd And Part Bill								
				-			146.21		
							146.21	**6035.00**	**8,82,347.18**
11	Providing & laying precast drain cover slab of 100 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge.(0.9 x 0.60 x 0.1)								
		Sqm							
	Qty Paid Upto 3rd And Part Bill								
				-			5053.31		
							5053.31	2454.00	12400810
12	Providing and Fixing RCC Precast Cover Slab of 250 mm Thick for Drains in Cement Concrete M-20 using graded granite Jelly of 20 mm and down size with steel Reinforcement, including form work lift charges, curing and concrete finished surface on both sides etc., complete as per the direction of Engineer in charge								
		Sqm							
	Qty Paid Upto 3rd And Part Bill			-			154.50		
	J Ashok Home Road		1	8.20	1.80		14.76		
	Soumyashree Badavane		1	8.70	1.80		15.66		
	Gully Mart		1	9.20	1.80		16.56		
	SLV		1	8.50	1.80		15.30		
	7TH Chandrappa Badavane		1	6.50	1.80		11.70		
	6th Cross Road		2	5.80	1.80		20.88		
	6th Cross Sharadamba Road		1	-7.50	1.80		13.50		

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Sl No	Description of Items	Unit	No	L (M)	B (M)	D (M)	Qty	Rate	Amount
	7th Cross Sharadamba Road		1	6.20	1.80		11.16		
	Sharadamba Nagara Main Road		4	6.50	1.80		46.80		
	HMT Quarters 1st Cross		6	6.43	1.80		69.44		
	Ward Office Road (Aishwarya Enclave)		2	6.50	1.80		23.40		
	2nd Cross HMT		4	6.00	1.80		43.20		
	3 RD Cross HMT		4	6.40	1.80		46.08		
	4th Cross		4	5.30	1.80		38.16		
	HMT Ground Road		3	6.67	1.80		36.00		
	Hospital Road		1	4.00	1.80		7.20		
	Jalahalli Police Station Road		1	7.00	1.50		10.50		
	Bahubali Nagara C Cross		1	6.50	1.80		11.70		
	5 th D Cross Jalahalli Village		1	6.50	1.50		9.75		
	Jalahalli Village 3 RD Cross		1	5.00	1.80		9.00		
	Depot Opposite Road		1	5.00	1.50		7.50		
	2 nd Cross Road Jalahalli Village		3	4.10	1.50		18.45		
	2nd Cross Road		2	4.30	1.50		12.90		
	Near Muttyalamma Temple		3	5.90	1.50		26.55		
							690.65		
						Qty Upto 125 %	196.25	5685.00	1115681.25
						Qty Above 125 %	494.40	6027.36	2979952.11
13	Removing and resetting of kerb stones.complete as per the direction of Engineer in charge								
		Rmt							
	Qty Paid Upto 3rd And Part Bill						9787.18		
							9787.18	110.00	1076590
14	Providing and fixing pre cast solid concrete kerb stones of size 450x150x500 mm made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting ete., complete as per the direction of Engineer in charge								
		no's							
	Qty Paid Upto 3rd And Part Bill						10922.00		
							10922.00	491.00	5362702.00
15	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per the direction of Engineer in charge								
		Sqm							
	Qty Paid Upto 3rd And Part Bill						0.00		
							0.00	0.00	0.00
16	Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of modified proctors density. complete as per the direction of Engineer in charge								
		Cum							
	Qty Paid Upto 3rd And Part Bill						95.94		
							95.94	361.00	34634.34
17	Providing and laying heavy duty cobble stones 75mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per the direction of Engineer in charge								
		Sqm							
	Qty Paid Upto 3rd And Part Bill						319.80		

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Sl No	Description of Items	Unit	No	L (M)	B (M)	D (M)	Qty	Rate	Amount
							319.80	1235.00	394953.00
18	Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per the direction of Engineer in charge								
		Cum							
	Qty Paid Upto 3rd And Part Bill						3559.55		
							3559.55	89.00	316800
19	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per the direction of Engineer in charge								
		Cum							
	Qty Paid Upto 3rd And Part Bill						2378.37		
							2378.37	2085.00	4958894
20	Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per the direction of Engineer in charge								
		Cum							
	Qty Paid Upto 3rd And Part Bill						2728.99		
							2728.99	2101.00	5733611
21	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM ,including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per Specifications. MORTH Specification No. 502 complete as per the direction of Engineer in charge								
		Sqm							
	Qty Paid Upto 3rd And Part Bill						11865.18		
							11865.18	31.00	367821
22	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM complete as per the direction of Engineer in charge								
		Sqm							
	Qty Paid Upto 3rd And Part Bill						33955.92		
							33955.92	6.00	203736

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Sl No	Description of Items	Unit	No	L (M)	B (M)	D (M)	Qty	Rate	Amount
23	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per the direction of Engineer in charge								
		Sqm							
	Qty Paid Upto 3rd And Part Bill						89413.51		
							89413.51	13.00	1162376
24	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications. Clause 505 of morth V revision using 40/60 TPH capacity H.M.P. with mechanical paver Gr-II (50mm to 75mm) with 4.5% VG-30 Bitumen. complete as per the direction of Engineer in charge								
		Cum							
	Qty Paid Upto 3rd And Part Bill						2345.06		
							2345.06	7200.00	16884396
25	Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision. -using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 40 mm) with 5.4% VG-30 Bitumen complete as per the direction of Engineer in charge								
		Cum							
	Qty Paid Upto 3rd And Part Bill						1876.04		
							1876.04	8305.00	15580545
26	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per the direction of Engineer in charge								
		Sqm							
	Qty Paid Upto 3rd And Part Bill						0.00		
							0.00	477.00	0
27	Providing and fixing of road stud 100x 100 mm, diecast in aluminium, resistant to corrosive effect of salt and grit, fitted with lense reflectors, installed in concrete or asphaltic surface by drilling hole 30 mm upto a depth of 60 mm and bedded in a suitable bituminous grout or epoxy mortar, all as per BS: 873 part 4:1973 complete as per the direction of Engineer in charge								
		no's							
	Qty Paid Upto 3rd And Part Bill						0.00		
							0.00	375.00	0
	ERIL								
Ex 1	KSRRB M200-12.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete,-wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications								
	Existing Culverts	Cum							

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Sl No	Description of Items	Unit	No	L (M)	B (M)	D (M)	Qty	Rate	Amount
	J Ashok Home Road		1	8.20	1.80	0.20	2.95		
	Soumyashree Badavane		1	8.70	1.80	0.20	3.13		
	Gully Mart		1	9.20	1.80	0.20	3.31		
	SLV		1	8.50	1.80	0.20	3.06		
	7TH Chandrappa Badavane		1	6.50	1.80	0.20	2.34		
	6th Cross Road		2	5.80	1.80	0.20	4.18		
	6th Cross Sharadamba Road		1	7.50	1.80	0.20	2.70		
	7th Cross Sharadamba Road		1	6.20	1.80	0.20	2.23		
	Sharadamba Nagara Main Road		4	6.50	1.80	0.20	9.36		
	HMT Quarters 1st Cross		6	6.43	1.80	0.20	13.89		
	Ward Office Road (Aishwarya Enclave)		2	6.50	1.80	0.20	4.68		
	2nd Cross HMT		4	6.00	1.80	0.20	8.64		
	3 RD Cross HMT		4	6.40	1.80	0.20	9.22		
	4th Cross		4	5.30	1.80	0.20	7.63		
	HMT Ground Road		3	6.67	1.80	0.20	7.20		
	Hospital Road `		1	4.00	1.80	0.20	1.44		
	Jalahalli Police Station Road		1	7.00	1.50	0.20	2.10		
	Bahubali Nagara C Cross		1	6.50	1.80	0.20	2.34		
	5 th D Cross Jalahalli Village		1	6.50	1.50	0.20	1.95		
	Jalahalli Village 3 RD Cross		1	5.00	1.80	0.20	1.80		
	Depot Opposite Road		1	5.00	1.50	0.20	1.50		
	2 nd Cross Road Jalahalli Village		3	4.10	1.50	0.20	3.69		
	2nd Cross Road		2	4.30	1.50	0.20	2.58		
	Near Muttyalamma Temple		3	5.90	1.50	0.20	5.31		
							107.23	643.03	68952.48
Ex 2	KSRRB M200-15.1. Dismantling of existing structures like culverts, bridges,retaining walls and other structure comprising of masonry, cement concrete,wood work, steel work, including T&P and scaffolding wherever necessary,sorting the dismantled material, disposal of unserviceable material andstacking the serviceable material with all lifts complete as per specifications,iii) Dismantling Stone Masonry.MORTH Specification No. 202								
	Existing Culverts	Cum							
	J Ashok Home Road		2	8.20	0.45	0.40	2.95		
	Soumyashree Badavane		2	8.70	0.45	0.40	3.13		
	Gully Mart		2	9.20	0.45	0.40	3.31		
	SLV		2	8.50	0.45	0.40	3.06		
	7TH Chandrappa Badavane		2	6.50	0.45	0.40	2.34		
	6th Cross Road		4	5.80	0.45	0.40	4.18		
	6th Cross Sharadamba Road		2	7.50	0.45	0.40	2.70		
	7th Cross Sharadamba Road		2	6.20	0.45	0.40	2.23		
	Sharadamba Nagara Main Road		8	6.50	0.45	0.40	9.36		
	HMT Quarters 1st Cross		12	6.43	0.45	0.40	13.89		
	Ward Office Road (Aishwarya Enclave)		4	6.50	0.45	0.40	4.68		
	2nd Cross HMT		8	6.00	0.45	0.40	8.64		
	3 RD Cross HMT		8	6.40	0.45	0.40	9.22		
	4th Cross		8	5.30	0.45	0.40	7.63		
	HMT Ground Road		6	6.67	0.45	0.40	7.20		
	Hospital Road `		2	4.00	0.45	0.40	1.44		
	Jalahalli Police Station Road		2	7.00	0.45	0.40	2.52		
	Bahubali Nagara C Cross		2	6.50	0.45	0.40	2.34		
	5 th D Cross Jalahalli Village		2	6.50	0.45	0.40	2.34		
	Jalahalli Village 3 RD Cross		2	5.00	0.45	0.40	1.80		
	Depot Opposite Road		2	5.00	0.45	0.40	1.80		
	2 nd Cross Road Jalahalli Village		6	4.10	0.45	0.40	4.43		
	2nd Cross Road		4	4.30	0.45	0.40	3.10		
	Near Muttyalamma Temple		6	5.90	0.45	0.40	6.37		

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Sl No	Items	Unit	No	L (M)	B (M)	D (M)	Qty	Rate	Amount
							110.66	405.21	44839.46
								Sub Total	9,99,73,034.53
									1,036.47
									9,99,74,071.00

Assistant Engineer
Ward No 16

Assistant Executive Engineer
Gangenahalli Sub Division

Executive Engineer
RR Nagara Division

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Modified -

TECHNICAL SANCTION

Rs: 9,99,73,034 (Rupees nine crore ninety nine lakhs seventy three thousand thirty four only) is accorded under the head: P-3744

By CE(R.R.N.), P.N. 14-15

Registered as CE (R.R.N. No. 47/1/22-23 subject to conditions contained in enclosed memo No: 47/1/22-23 Date 20/6/22

DTA,

CE (R.R.N.)

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